# Developer Guide for UID2 GMA Plugin (iOS and Android)

*SDK version: v0.1.0*

## Introduction

The UID2 GMA Plugin is pre-release software and should be used as such.

The UID2 GMA Plugin enables apps that use Google Mobile Ad (GMA) SDK to include UID2 data in their ad requests. This is done automatically, with no direct coding needed from the app developer, by:

* The Google Mobile Ad SDK
* The UID2 SDK
* The UID2 GMA Plugin

## iOS

Refer to the following sections for iOS:

* Requirements
* Installation

### Requirements

Install the following:

* UID2 iOS SDK v0.2.0
* [Google Mobile Ad SDK](https://developers.google.com/admob/ios/rel-notes) v10.7.0
* UID2 iOS GMA Plugin v0.2.0

### Installation

Install the UID2 iOS IMA Plugin v0.1.0 via Swift Package Manager to an existing app with UID2 SDK and Google Mobile Ad SDK installed.

.package(url: https://github.com/IABTechLab/uid2-ios-plugin-google-gma.git, exact: "0.2.0")

### Troubleshooting

To resolve any issue that might arise, it’s recommended that you copy the two source code files from the UID2 GMA Plugin directly into your app. Be sure to use the same class and file names, to ensure that Google Mobile Ad SDK can find the files at runtime. The two files are:

* UID2GMASecureSignalsAdapter.swift
* AdvertisingTokenNotFoundError.swift

## Android

Refer to the following sections for Android:

* Requirements
* Installation
* Troubleshooting

### Requirements

Install the following:

* UID2 Android SDK v0.4.0
* [Google Mobile Ad SDK v22.0.0+](https://developers.google.com/admob/android/sdk)
* UID2 Android GMA Plugin v0.4.0

### Installation

Install the UID2 Android GMA Plugin v0.4.0 via Gradle / Maven to an existing app with the UID2 Android SDK and Google IMA SDK installed.

#### Gradle

To install with Gradle, add the SDK as a dependency in the build.gradle file:

implementation 'com.uid2:uid2-android-sdk-gma:0.4.0'

#### Maven

To install with Maven, add the SDK as a dependency in the pom.xml file:

<dependency>

<groupId>com.uid2</groupId>

<artifactId>uid2-android-sdk-gma</artifactId>

<version>0.4.0</version>

</dependency>

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